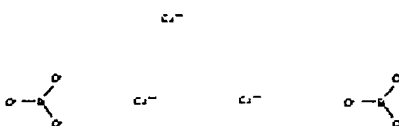


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Calcium borate
RN: 12007-56-6
MW: 237.85



**Names and
Synonyms**

Name of Substance
[i] Calcium borate

Synonyms

- [i] Boron calcium oxide
- [i] Calcium borate
- [i] Calcium tetraborate
- [i] EINECS 234-511-7

Systematic Name

- [i] Boric acid (H2-B4-O7), calcium salt (1:1) (8Cl)
- [i] Boron calcium oxide (B4CaO7)
- [i] Calcium borate
- [i] Calcium tetraborate

**Registry
Numbers**

CAS Registry Number
[i] 12007-56-6

Other Registry Number

- [i] 12758-22-4
- [i] 13840-54-5
- [i] 163701-97-1
- [i] 167077-83-0

Related Registry Number

- [i] 12040-58-3 (unspecified calcium borate)
- [i] 13701-64-9 (HBO2 calcium salt)
- [i] 13840-55-6 (H3BO3 calcium salt)

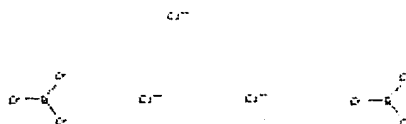
System Generated Number

[i] 012007566

Classification Classification Code

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Calcium borate
RN: 12007-56-6



Organism	Test Type	Route	Reported Dose (Normalized Dose)	Effect	Source
mouse	LD50	intraperitoneal	3900mg/kg (3900mg/kg)		Gigiena Truda i Professional'nye Zabolevaniya. Labor Hygiene and Occupational Diseases. Vol. 25(6), Pg. 53, 1981.
mouse	LD50	oral	5900mg/kg (5900mg/kg)	BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY)	Gigiena Truda i Professional'nye Zabolevaniya. Labor Hygiene and Occupational Diseases. Vol. 25(6), Pg. 53, 1981.
				BEHAVIORAL: MUSCLE WEAKNESS	
rat	LD50	oral	5600mg/kg (5600mg/kg)	BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY)	Gigiena Truda i Professional'nye Zabolevaniya. Labor Hygiene and Occupational Diseases. Vol. 25(6), Pg. 53, 1981.
				BEHAVIORAL: MUSCLE WEAKNESS	

<http://chem.sis.nlm.nih.gov/chemidplus/jsp/common/Toxicity.jsp>

7/20/2006